


CURRICULUM VITAE

About Faculty:

Ms. Mayuri Sunhare is an Assistant Professor in the Department of Electrical Engineering at Shri G. S. Institute of Technology and Science (SGSITS), Indore (MP). She received her B.E. degree in Electrical Engineering from School of Engineering & Technology, Vikram University, Ujjain in 2019 honoured with Double Gold medals for branch and university topper. She received her M.E. degree in Electrical Engineering with specialization in Power Electronics from SGSITS, Indore in 2022. She has been twice the state and national level winner and participant in Worldskills global championship organized by Ministry of Skill Development and Entrepreneurship India. Her research interests include Power Electronics, Solar PV Design, and Renewable Energy Systems.

1. Personal Information			
i	Name	Ms. Mayuri Sunhare	
ii	Qualification	M.E. (Power Electronics)	
iii	Designation	Assistant Professor	
iv	Email-id	mayurisunhare02@gmail.com	
v	Employee No.	0905187	
vi	Department	Electrical Engineering	

2. Educational Qualification					
S. No.	Degree	Specialization	Year	Division	University/Board
1.	M.E.	Power Electronics	2019-2022	9.35 First division with honours	Shri G.S. Institute of Technology and Science, Indore M.P RGPV University
2.	B.E.	Electrical Engineering	2015-2019	8.34 First division with honours	School of Engineering and Technology, Ujjain M.P. Vikram University

3. Work Experience				
S.no	Designation	Department	Duration of Employment	Employer Name
1.	Assistant Professor	Electrical Engineering	August 2023 to present	Shri G.S. Institute of Technology and Science, Indore M.P

4. Research Interests
Solar PV Design, Renewable Energy Systems, DC-DC Converters, MPPT and Power Quality.

5. Research Paper Publications	
International/National Journal Publications	
1.	Mayuri Sunhare, R. S. Mandloi & Mayank Sunhare. “ Solar PV Stand-Alone System Employing SEPIC and Single Phase Sine PWM Inverter ”: International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Volume 10, Issue 11, November 2021.

6. List of Conferences/Workshops/Seminars Organized	
1.	Student Solar Ambassador workshop 2019 organized under GGSY-2019 IIT Bombay at SGSITS, Indore. Capacity in which involved : Hardware trainer .

7. Invited Lectures/Expert Talks/Chairmanships at Conferences	
1.	Invited as the Expert speaker for Mechatronics and electrical installation skill organized by Directorate of Skill Development M.P at Ujjain engineering college.

8. SEMINARS, WEBINERS AND WORKSHOP ATTENDED	
1.	National Programme on Technology Enhanced Learning (NPTEL), Online Certification Courses on “ Technical English for Engineer ” 2022 by IIT Madras.
2.	Attended short term Faculty Development training program on “ Application of power electronics in power engineering ” organized by Ujjain engineering college, Ujjain 2019

3.	Honour code certificate on Hands-on training on solar lamp assembly , recognized by skill council for green job, 2019, course offered by IIT Bombay
4.	Participated as Team leader in National Service Scheme (NSS) camp by National Service Scheme organized by vikram university, Ujjain.
5.	Attended “30 Days vocational training for Electrical installations and maintenance of railway locomotives” at Western Railway Ratlam Division .
6.	Participation in online one week Faculty Development Program, TEQIP- III sponsored “ Applications of Power Electronic Converters for Sustainable Living ” held during 18th to 22nd September 2020, organized by Department of Electrical Engineering, Sardar Vallabhbhai National Institute of Technology, Surat (Gujarat).
7.	National Webinar on National Education Policy,2020 addressed by Eminent Social Scientist Dr. Sunil Goyal on Sunday, Oct. 11, 2020 , Organized Jointly by National Cadet Corps & National Service Scheme SGSITS, Indore.
8.	Participation in Hardware Trainer course at “ Student Solar Ambassador workshop 2019 ” organized under Gandhi Global Solar Yatra by Department of Energy Science and Engineering, IIT Bombay
9.	Five days (One Week-Online Mode) Faculty Development Program on “ Recent Innovations & Technologies in Electrical Engineering ” sponsored by TEQIP-III and conducted by Electrical Engineering Department in Engineering College, Jhalawar from 04 to 08 January, 2021.
10.	Attended webinar on “ MATLAB Software for Power Electronics- Hands on Training ” organized by the Department of Electrical and Electronics Engineering, Arasu Engineering College, Kumbakonam on 30.05.2020.
11.	Attended webinar on topic Research Opportunities in Power Electronics organized by Electrical Engineering Department of S.G.S.I.T.S., Indore on 10/06/2020
12.	Attended webinar on High Performance Computing on 12/06/2020 organized by department of electrical engineering, S.G.S.I.T.S., Indore (M.P.)
13.	Attended webinar on A Perspective on Performance, Power and Energy Efficiency of GPU's on 12/06/2020 organized by Department of Electrical Engineering, S.G.S.I.T.S., Indore (M.P.).
14.	Attended webinar on topic Electrical Vehicle Technologies: Developments & Opportunities organized by Electrical Engineering Department of S.G.S.I.T.S., Indore on 13/06/2020.
15.	Attended webinar on Enhancement of Testing and Consultancy in the Institute organized by Department of Electrical Engineering, S.G.S.I.T.S., Indore on 14/06/2020
16.	Successfully participated in the webinar on “ Opportunities in Space Sector and Making of Satellites ”, organized by IEEE Student Branch SGSITS, Indore on date Thursday, March 31, 2022
17.	Attended the one-day online “ Research Scholar’s Conclave 2020 ” supported by TEQIP III-Center of Excellence in Smart Renewable Energy Systems (CoE-SRES).
18.	Attended webinar on “ Research Paper Writing & Intellectual Property Rights ” organized by the Department of Electronics and Telecommunication Engineering , Rajarambapu Institute of Technology, Sangli on 18-19 May, 2020
19.	One day Workshop on “ ENGINEERING APPLICATIONS OF MATHEMATICS ” organized by Department of Applied Mathematics and Computational Science, Shri G.S. Institute of Technology and Science, Indore, held on 01 October 2021

20.	Actively participated and successfully performed in “ Online Quiz on Power Electronics ” on 6/10/2020, organized by the Department of Electrical and Electronics Engineering, Srinivasa Institute of Engineering & Technology, Amalapuram -533216
21.	Attended National webinar on COVID-19 & TECHNO MANAGEMENT STRATEGIES IN INDIA on 22/12/2020 organized by School of Engineering and Technology & Pt. Jawaharlal Nehru Institute of Business Management, Vikram University, Ujjain (M.P.)

9. ACHIEVEMENTS	
1.	Certificate of merit, India skill Regional competition 2021 in Mechatronics skill organized by National skill development corporation, Govt. of India.
2.	4 th position in Mechatronics skill organized by MP state skills competition 2021, Govt. of MP.
3.	Winner State level World skill competition India 2018 in Electrical installations skill, organized by MP state skill development & employment generation board, Govt. of M.P.
4.	Certificate of merit, India skill west competition 2018 in Electrical installations skill at Jaipur, organized by National skill development corporation under ministry of skill development and entrepreneurship, Govt. of India.
5.	Honored by Double Gold medal and certificate of merit (branch topper + university topper) by Mp state Ex. Governor Smt. Anandiben patel , university chancellor and UGC chairman.
6.	3 rd position at Vigyan Mela 2013 by MP council of science and technology for working model. (State level).
7.	Winner of robotic race 2016, held by MIT Ujjain.
8.	Winner of robotic race 2017 and 2018, held by SGSITS Indore.
9.	Winner of Mech Tech Meet 2018 (Electrade), held by UECU Ujjain.
10.	Honored by Vikram Pratibha by Vikram University for state winner at IndiaSkill Competition .

10. CERTIFICATE OF EXCELLENCE	
1.	On world youth skill day by Govt. of Madhya Pradesh.
2.	On Republic day 2019 by Office of Ujjain Collectorate.
3.	On Republic day 2022 by Office of Ujjain Collectorate.